Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Monday 13 Feb 2023 until 23:59 on Tuesday 14 Feb 2023

Forecast Issued on Monday 13 Feb 2023 at 02:06

Confidence: High for mainly dry and settled conditions at first. Medium for cloud details and timings of rain from Wednesday.

Headline for Monday 13 Feb 2023: Dry with bright and sunny spells.

Mountain weather hazards on Monday 13 Feb 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Sunny	Sunny	Clear night	Clear night
Precipitation probability					
10%	<05%	00%	00%	00%	00%

Forecast for Monday 13 Feb 2023

Weather: Some low cloud expected overnight and early morning, this lifting and clearing with bright or sunny spells. Dry with clear spells in the evening.

Chance of cloud-free hill tops above 800m: 30% overnight and early morning becoming 90% by afternoon.

Low cloud and visibility: Occasional or extensive cloud at first, base 300 to 600m, lifting and breaking above the summits during the day. Visibility moderate to very poor at first in mist and low cloud, becoming mainly good or very good.

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Forecast for Monday 13 Feb 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	22/26 S	17/21 S	15/20 SE	14/19 S	18/24 SE	22/29 SE	21/27 S
600	19/24 S	12/15 S	8/12 S	10/14 S	17/24 S	23/32 S	20/28 S
300	12/25 S	9/20 S	10/19 S	9/18 S	8/19 S	9/24 S	7/20 S
Valley	4/17 SE	3/14 SE	6/13 SE	5/12 S	2/15 SE	5/18 SE	4/16 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	4/-1	4/-1	4/-1	3/-1	4/-1	4/-1	3/-3
600	5/-0	5/1	4/1	4/1	4/-0	4/-2	3/-2
300	2/-3	2/-1	5/2	5/2	4/1	4/0	3/0
Valley	3/2	4/2	6/4	7/6	5/4	5/4	5/3
Freezing Level*	1500m	1500m	1400m	1300m	1200m	1100m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing further to add.

Forecast for Tuesday 14 Feb 2023

Weather: Cloudy or bright. Patchy light rain and drizzle possible at first, best of the brightness later in the afternoon. Some clear spells possible in the evening.

Maximum wind: South or Southwest 25mph gusts 35mph

Chance of cloud-free hill tops above 800m: 30% becoming 70% in the afternoon.

Low cloud and visibility: Occasional or extensive, base 300 to 600m, at first, the cloud lifting and breaking near or above the summits during the afternoon. Visibility moderate to very poor at first in rain, drizzle and cloud, becoming good or very good in the afternoon.

Temperature: **Valleys:** Plus 4 rising to 12 Celsius
At 800m: Plus 2 to 5 Celsius
Freezing level: Above the summits

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Sunday 12 February. Location: Helvellyn summit at 1221. Temperature: plus 0.6 deg C. Maximum wind speed 17.0mph. Wind chill: minus 6.6 deg C. Average wind speed: 13.4mph

Full report:

A dry and cool day with generally good visibility which was occasionally reduced by intermittent cloud banks rolling in from the southwest. The ground conditions in the fells remain largely similar to earlier in the week. The Lakeland fells are almost entirely snow free, albeit apart from a few old patches of snow that are quite resistant to thawing, and are generally found on steep ground around north and east-facing corrie rims and gully exits above roughly 900m.

The exits to both Striding and Swirral edges still hold old patches of snow, although, with careful route choice, they can be passed without setting foot on it. Despite the fells not looking particularly wintery, the temperature on the top of Helvellyn was only just above freezing and the windchill (feels-like) was around -6ºC today and those not prepared would feel very cold when exposed to the wind.Full winter clothing (warm and waterproof) including hats and gloves and equipment including a headtorch, map, and compass are all essential for anyone venturing into the higher fells tomorrow.

This is an automated email. If you need a response please email felltop.assessors@lakedistrict.gov.uk

Issued at: 02:06 on Mon 13 Feb 2023

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